Chinastandards.org

ICS 29.200
CCS K46

JB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JB/T 14049-2025

Low-voltage static reactive power generator

低压静止式无功功率发生器

(English Translation)

Issued on: July 2, 2025 **Implemented on: February 1, 2026**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jb-t-14049-2025

Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Terms and definitions
4 Technical requirements
4.1 General requirements
4.2 Model designation
6 Test methods
6.1 Factory inspection
6.2 Type inspection
7 Inspection rules
8 Marking, packaging, transportation and storage
8.1 Marking
8.2 Packaging

1 Foreword

JB/T 14049-2025 was issued by Ministry of Industry and Information Technology on 2 July 2025 and has been in force since 1 February 2026.

The JB/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the technical requirements for low-pressure static var generators, describes the corresponding test methods, and specifies inspection rules, marking, packaging, transportation, and storage. This standard applies to the manufacture of parallel-type var generators using a three-phase voltage source inverter structure in low-voltage power distribution systems with a rated operating voltage of 1000V and below at 50Hz.

JB/T 14049-2025 falls under ICS 29.200, in the field of electrical engineering.

Preview: page 2 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jb-t-14049-2025

This catalogue holds 619 other JB/T standards in that field.

In this catalogue, JB/T standards carry edition years from 1967 to 2026.

3 About this standard

Sector: Mechanical & Machinery Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

JB/T 14260-2022 - Technical Specification for Electrical Energy Router

GB/T 3859.1-2013 - Semiconductor converters -- General requirements and line commutated Converters -- Part 1-1: Specification of basic requirements

GB/T 13422-2013 - Semiconductor converters - Electrical test methods

JB/T 10097-2026 - Case for power semiconductor device

JB/T 10096-2026 - Cases for power semiconductor devices - Selection guidance

JB/T 14052-2025 - Bidirectional converter for DC energy storage system

5 Classification and status

International classification (ICS): 29.200

Chinese Standard Classification (CCS): K 46

Prefix JB/T: recommended standard.

Preview: page 3 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jb-t-14049-2025